



VICKSBURG CATHOLIC SCHOOL

St. Aloysius High School

2018-2019

Graduation Requirements:

Vicksburg Catholic School graduates complete a *minimum* of **twenty-eight (28)** Carnegie units as follows:

Theology	4 units	Foreign Language	2 units
English.....	4 units	Electives.....	1½ unit
Math (Algebra I # ~)	5 units	Fine Art +	1 unit
Science (Biology #~)	4 units	Computer/Technology # ~	1 unit
American History #	1 unit	Health #.....	½ unit
World History #.....	1 unit	Physical Education #.....	½ unit
MS Studies # ~	½ unit	ACT/SAT Test Prep	½ unit
Geography # ~	½ unit	<i>Effective with the Class of 2022 (8th grade in 2017-2018), the total units for graduation will be 30 with the addition of 1.0 social studies and 1.0 elective.</i>	
U.S. Government #.....	½ unit		
Economics #	½ unit		

Advanced Placement Courses (+2.0 QP):

Advanced Placement (AP) courses are high school courses that provide curriculum that is accelerated and often equated with college level material. AP course curriculum is determined by the College Board. Students may earn college credit with satisfactory completion of the course and scoring successfully on the related AP exam at the end of the term. College acceptance varies from one institution to another based on its own policies.

Dual Credit Courses (+1.0 QP, +3 College Hours):

Dual Credit (DC) courses are offered in partnership with Hinds Community College. Dual Credit students receive high school Carnegie units as well as college credit for their course work. Certain eligibility requirements must be met for placement in Dual Credit courses. High school students participating in Dual Credit are enrolled at Hinds and must follow all college policies. Out-of-State and Private College acceptance varies from one institution to another based on its own policies.

Honors Courses (+1.0 QP):

Honors courses provide a more in-depth curriculum that is taught at a rapid pace. Students must demonstrate that they are committed to a strong work ethic, willing to work independently and routinely contribute to a productive class environment.

Scheduling Procedures:

In the spring term, current St. Aloysius students are presented materials about the courses being offered in the upcoming school year. They are instructed to review the list, course catalog, graduation requirements and their transcript and to discuss their choices with their parents, teachers and school counselor.

- The course request process concludes with verification forms which are sent with students after the counselor meeting and must be returned with the required parent/guardian signatures.

The total requests of all St. Aloysius students are used to assign faculty and create the master schedule. Once the master schedule is completed, students are placed in the best available schedule.

- Electives, AP courses and DC courses may vary each year depending on student interest, faculty availability, and scheduling. Refer to the complete course catalog for potential offerings.
- Every attempt will be made to place a student in his/her requested courses whenever possible.

- Please be advised that students who request honors math or honors English are very likely to be placed into the honors section of the other subject as well due to scheduling constraints.
- Courses may be canceled due to insufficient number of requests. If so, student will have the opportunity to schedule an alternate course from the list.
- A student may also be placed in different courses based on principal, counselor, or department recommendation after reviewing his/her final grades at the conclusion of the current school year.
- Final schedules will be published online approximately one week before school starts in August. If necessary, requests for a change of schedule will be accepted per instructions provided at that time.

Junior High Schedules:

Junior high students may earn 3.0 Carnegie units (~) toward graduation requirements in the 8th grade. Also, students may be placed in an honors section of English and/or math beginning in the 8th grade. Placement is determined by counselor and department recommendation including review of student achievement. Students who succeed in honors classes have a high “A” final average in the respective subject matter, above average percentile on standardized tests, and demonstrate a responsible work ethic in their classes.

Middle school GPA (grade point average) is calculated based on 7th, 8th and 9th grade final averages and is used only for Junior Honor Society eligibility. Quality points toward cumulative GPA for graduation and class rank are awarded beginning in the 9th grade.

Courses for the Class of 2023 and later (7th grade in the 2017-2018 school year) will be scheduled as follows:

7th Grade:

Theology 7
 English 7
 Pre-Algebra 7
 Science 7
 U.S. History 7
 ICT I «
 PE 7/8

8th Grade:

Theology 8
 English 8 or Honors English 8
 Algebra I #~ or Honors Algebra I #~
 Science 8
 MS Studies #~ & Geography #~
 First Year Foreign Language ~
 PE 7/8

9th Grade:

Theology I
 English I or Honors English I
 Geometry or Honors Geometry
 Biology ^ #
 World History #
 Second Year Foreign Language
 Health # & PE #

Key: The following symbols are used throughout the Course Catalog for additional information:

- # *Specific courses that are required by Mississippi Department of Education for graduation.*
 - ~ *Courses that when taken in 8th grade, satisfy high school graduation requirements for a specific course.*
 - « *Business/Technology courses that may be used in conjunction with proficiency guidelines to meet graduation requirement.*
 - ^ *Courses that are Lab Sciences – minimum 4.0 credits are required for college prep curriculum.*
 - + *Elective courses that are Fine Arts -- minimum 1.0 credit is required for graduation.*
 - * *Elective courses that may be repeated for more than 1.0 elective credit.*
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St. Aloysius Course Catalog 2018-2019

Theology: Minimum 1-Hour Course Required Every Year

Graduation Requirement: 1.0 Credit Per High School Year Enrolled at St. Aloysius

3100 - Theology, 7th Grade

Credit: 0.0. Required course for all currently enrolled 7th graders

Pre-requisite: none

The course, "We Live Our Faith as Members of the Church," presents the Church from her beginning at the Pentecost event through her history, encompassing her teachings and Tradition. It presents the mission of the Church, entrusted to her by Jesus, as the responsibility of all baptized Catholics.

3200 - Theology, 8th Grade

Credit: 0.0. Required course for all currently enrolled 8th graders

Pre-requisite: none

The course, "We Live Our Faith As Disciples of Jesus," centers on Jesus' life, his teachings, and the sacraments he instituted. It presents Jesus' call to each person to become his disciple and the ways in which his teachings, his sacraments, and his Church nourish people for discipleship.

3300 - Theology I

Credit: 1.0

Pre-requisite: none

First Semester: The purpose of this course, "The Revelation of Jesus Christ in Scripture," is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Second Semester: The purpose of this course, "Who Is Jesus Christ?" is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

3400 - Theology II

Credit: 1.0

Pre-requisite: none

First Semester: The purpose of this course, "The Mission of Jesus Christ (The Paschal Mystery)," is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Second Semester: The purpose of this course, "Jesus Christ's Mission Continues in the Church," is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn not so much about events in the life of the Church but about the sacred nature of the Church.

3500 - Theology III

Credit: 1.0

Pre-requisite: none

First Semester: The purpose of this course, "Sacraments as Privileged Encounters with Jesus Christ," is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life.

Second Semester: The purpose of this course, "Life in Jesus Christ," is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

3600 - Theology IV

Credit: 1.0

Pre-requisite: none

First Semester: The purpose of this course, "Living as a Disciple of Jesus Christ in Society," is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission.

Second Semester: The course, "An Exploration of Christian Vocations," will examine God's call to each Baptized person. It emphasizes the universal call to holiness of all the baptized and the means by which to nurture this holiness. This course seeks to inform the student of the various kinds of vocations in the Church – single, married, religious, and ordained. It will also awaken the desire for each student to explore and begin discerning their individual call from God.

English: Minimum 1-Hour Course Required Every Year
Graduation Requirement: 4.0 Credits, including English I and English II

4130 - English, (Grammar/Literature) 7th Grade

Credit: 0.0. Required course for all currently enrolled 7th graders

Pre-requisite: none

This course combines grammar and literature. The study of basic grammar emphasizes mastering grammatical concepts in order to incorporate them into effective sentences and paragraphs so as to enhance writing. The school-wide Vocabulary program will continue (Level B). The course also exposes junior high students to different genres of literature; including short stories, poetry and drama, and introduces them to elements of plot and other literary elements. Emphasis is on beginning to analyze works for meaning rather than just recall of “what happened in the story.”

4230 - English (Grammar/Literature) 8th Grade

Credit: 0.0. English8 or H.English8 required for all 8th graders

Pre-requisite: none

This course will combine grammar and literature. The study of more advanced grammar will emphasize mastering the skills so they can enhance the composition of effective writing. The school-wide Vocabulary program will continue (Level C). The literature component will continue the exploration of the genres of literature, including short stories, poetry, mythology and drama, and add to the student’s knowledge of literary elements. Instruction will extend the emphasis on analysis and interpretation over simple recall.

4240 - English (Grammar/Literature), 8th Grade (honors)

Credit: 0.0. English8 or H.English8 required for all 8th graders

Pre-requisite: See Appendix for honors course recommended guidelines.

GPA: +1.0 Quality Points

Pre-requisite: Eligibility for the class will be determined by students’ grades on standardized test scores, grades in seventh-grade English and Literature, and teacher/counselor recommendation.

This course will combine grammar and literature. The intense study of advanced grammar will emphasize mastering advanced grammatical skills so they can enhance composition of effective writing. The school-wide Vocabulary program will continue (Level C). The literature component will continue the exploration of the genres of literature, including short stories, poetry, mythology and drama, and add to the student’s knowledge of literary elements. Instruction will extend the emphasis on analysis and interpretation over simple recall. Honors students will be expected to do outside reading.

4325 - English I #

Credit: 1.0

The focus of this course will be to introduce the students to the literary genres of poetry, drama, short stories and nonfiction. Critical and creative thinking skills will be encouraged in the study of literature. Students will begin to work on formal essays in several formats. Documenting sources for a research project will be introduced in MLA format as well as instruction in avoiding plagiarism. Use of the Writing Center is required. The best pieces of writing will be kept for the students’ writing portfolio, which will build throughout high school. Grammar will be reviewed and taught as necessary with regard to proper usage in writing. The school-wide vocabulary program will continue (Level D).

4300 - English I (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: See Appendix for honors course recommended guidelines.

This course will cover the same material covered in English I; however, it will be taught at a much faster pace, and the material will be covered on a more analytical level. Requirements are strong reading skills and the willingness to read, write and think beyond the literal interpretation. The students are required to develop both critical and creative thinking skills and use that knowledge in writing formal essays. Use of the Writing Center is required. Documenting sources for a research project will be introduced in MLA format as well as instruction in avoiding plagiarism. The best pieces will be kept for the students’ writing portfolio, which will build throughout high school. Outside novel reading and related assignments will be required each quarter. The school-wide vocabulary program will continue and include cumulative assessments (Level D).

4450 - English II #

Credit: 1.0

Pre-requisite: English I

The focus of this course is to familiarize students with world literature, including short stories, poetry, non-fiction and drama. Critical and creative thinking skills will be encouraged in the study of literature. Writing and grammar skills will be incorporated into a variety of writing assignments, including a research project with sources documented in MLA format and instruction in avoiding plagiarism. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio, which will build throughout high school. The school-wide vocabulary program will continue (Level E).

4400 - English II (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: English I. See Appendix for recommended honors course guidelines.

This course will cover the same material covered in English II; however, it will be taught at a much faster pace, and the material will be covered on a more analytical level. Requirements are strong reading skills and the willingness to read, write and think beyond the literal interpretation. The students are required to develop both critical and creative thinking skills and use that knowledge in their writing. Outside novel reading and related assignments will be required each quarter, as well as a research project with sources documented in MLA format and instruction in avoiding plagiarism. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio, which will build throughout high school. The school-wide vocabulary program will continue and include cumulative assessments (Level E).

4550 - English III

Credit: 1.0

Pre-requisite: English II

The focus of this course is to familiarize students with American literature from its beginnings to modern works. Critical and creative thinking skills will be encouraged in the study of literature. In addition to readings, students will continue to improve their writing in respect to style and process. A research project, using the most current MLA documentation and instruction in avoiding plagiarism, will be required. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio, which will build throughout high school. The school-wide vocabulary program will continue (Level F).

4500 - English III (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: English II. See Appendix for recommended honors course guidelines.

This accelerated survey course offers an in depth study of American literature from the earliest writers to contemporary writers. Requirements are strong reading skills, good vocabulary and some analytical abilities, which will be developed during the course. The honors student should already possess fundamental knowledge of grammar and be able write a well-constructed essay. Grammar skills will be reviewed in order to continue developing a strong writing style using various patterns: narrative, descriptive, informative, and persuasive. A research project, using the most current MLA documentation and instruction in avoiding plagiarism, will be required. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio, which will build throughout high school. Students must be able and willing to pursue independent study and be willing to present written and oral presentations. Students will be required to read outside novels as well as several major works from the text. The school-wide vocabulary program will continue and include cumulative assessments (Level F).

4650 - English IV

Credit: 1.0

Pre-requisite: English III

The focus of this course is to familiarize students with British literature from the Anglo-Saxon Period to modern works. Grammar skills also will be reviewed in preparation for the numerous writing assignments, which will be required in an effort to prepare students for college and real-life writing situations. Short research projects, using the most current MLA documentation format and instruction in avoiding plagiarism, will be required. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio. The reading of an outside novel will be required. The school-wide vocabulary program will continue (Level G).

4600 - English IV (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: English III. See Appendix for recommended honors course guidelines.

This accelerated course offers a survey of British literature from the Anglo-Saxon times extending into twentieth-century Great Britain. Requirements are strong reading skills, some analytical skills, and a willingness to read and write. The students will continue to develop various styles of writing in preparation for college writing assignments, with special attention given to synthesis of material and literary analysis. The students will be encouraged to develop an understanding of both critical and creative thinking skills and use that knowledge in their writing. A short research project, using the most current MLA documentation and instruction in avoiding plagiarism, will be required. Use of the Writing Center is required. The best pieces will be kept for the students' writing portfolio. The course reviews selected grammar skills as needed to apply to writing. The reading of an outside novel will be required each semester. The school-wide vocabulary program will continue and include cumulative assessments (Level G). (Course offering varies from year to year depending on student interest and staffing).

4700 - DC English Composition I

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: ACT English sub-score of 17 or above. See Appendix for dual credit course guidelines.

This one-semester course (Hinds Community College Course #ENG 1113) prepares the student to think critically and compose texts for academic and professional rhetorical situations. If a student declines/withdraws from Hinds credit, he/she is enrolled in Course #4600 for high school units and quality points. DC English & DC English II may be taken as the fourth high school English unit of credit. (Course offering varies from year to year depending on student interest and staffing).

4710 - DC English Composition II

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: DC English Composition I

This one-semester course (Hinds Community College Course #ENG 1123) is a continuation of ENG 1113 with emphasis on research, argumentation, and composition. Readings, essays, and a research paper are required. (Course offering varies from year to year depending on student interest and staffing).

4910 - AP Literature and Composition

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for recommended AP course guidelines.

This course, offered through The College Board's Advanced Placement program, is by definition rigorous and academically challenging in that students who successfully complete the course and pass the Advanced Placement exam will earn three to six hours of college credit at institutions that participate in the program. Requirements are very strong reading skills, openness to instruction and commitment to improvement of the writing process through rewriting and self-editing. The approach in this class will be to enable students to write effectively and confidently across the curriculum by exposing them to readings from world literature, to have them synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations. Emphasis will be on reading complex texts with understanding and writing expository, analytical and argumentative prose of sufficient complexity to communicate effectively. The best pieces will be kept for the students' writing portfolio. In order to develop the proficiency necessary to succeed on the AP exam, students often will be required to write in a timed setting. Outside readings will be assigned regularly. Vocabulary will be included. Use of the Writing Center is required. AP Literature and Composition may be taken as the fourth high school English unit of credit.

Math: Minimum 1-Hour Course Required Every Year

Graduation Requirement: 5.0 Credits, including Algebra I and 3.0 Credits in math above Algebra I

5100 - Pre-Algebra, 7th Grade

Credit: 0.0

This course focuses on integers, rational numbers, and solving equations and inequalities with both of these. It prepares students to enter Algebra I in the eighth grade.

5250 - Algebra I # ~

Credit: 1.0

Pre-requisite: Pre-Algebra

Students entering this course should have a good understanding of the language of algebra. Mastery of rational operations with integers and fractions is required. Factoring integers and fractions will be introduced. Students will be introduced to functions and graphs, lines, and slopes; and graphing inequalities. Solving equations, exponential and radical operations should be mastered. Algebra I is a required course for graduation that is taken in the eighth grade or higher.

5200 - Algebra I # ~ (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: See Appendix for honors course recommended guidelines.

Students entering this course should have a good understanding of the language of algebra. Mastery of rational operations with integers and fractions is required. Factoring integers and fractions will be introduced. Students will be introduced to functions and graphs, lines, and slopes; solving systems of equations; and graphing inequalities. Solving equations, exponential and radical operations should be mastered. Students will practice applications of problem-solving with non-routine word problems. Algebra I is a required course for graduation that is taken in the eighth grade or higher. This honors course prepares students for H.Geometry as ninth graders and H.Algebra II as tenth graders, which covers the material at an advanced pace and level. Inequalities. Solving equations, exponential and radical operations should be mastered.

5320 - Geometry ~

Credit: 1.0

Pre-requisite: Algebra I; School Counselor and Math Dept. approval.

Students will be able to recognize definitions and apply these to the solution of problems. Students will learn to recognize theorems and properties to solve problems and apply these to the development of a formal proof. Students will study angles, segments, triangles, polygons, lines, planes, three dimensional figures and circles.

5300 - Geometry (honors) ~

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: Algebra I. See Appendix for recommended honors course guidelines.

This course is for students who can master concepts without extended instruction. These students are challenged by difficult activities and problems. The topics presented are essentially the same as those in geometry; however, concepts studied will be more in depth, and the course will cover a broader range of topics. Students should be able to recognize the characteristics of a good definition and apply these to the development of a formal proof. Students will learn to recognize theorems and properties and use them in proofs.

5450 - Algebra II

Credit: 1.0

Pre-requisite: Algebra I and Geometry; School Counselor and Math Department approval

This course presents a fundamental study of the set of real numbers, the properties, solving equations and inequalities, and solving quadratic equations. Students will continue skill development with factoring, graphing relations and recognizing functions. Students will review exponential and radical operations. Students will also be exposed to application problems in fractions, decimals, and percent. Students will be introduced to analytic geometry. The students will study matrices, determinants, complex numbers, and be introduced to logarithms.

5400 - Algebra II (honors)

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: Algebra I and Geometry. See Appendix for recommended honors course guidelines.

This course reviews the properties, the set of real numbers, solving equations and inequalities, solving absolute value equations and inequalities, and solving both polynomial and rational polynomial equations. Linear relations and functions will be mastered. Students will solve systems of equations using graphing, elimination, and substitution. Cramer's Rule will be studied. Quadratics and their graphs will be studied. The student will be exposed to graphing polynomial functions, analytical geometry, and logarithms. The students will study matrices, determinants, and complex numbers.

5500 - Advanced Topics in Math

Credit: 1.0

Pre-requisite: Algebra I, Geometry and Algebra II; School Counselor and Math Department approval

Advanced topics in mathematics is for college-bound students in the 11th and 12th grades who are not yet ready for Algebra III. This course reviews skills taught in Algebra II, expands on these topics, and introduces new material, as well as relationships to STEM projects, which help explain real life scenarios. New topics are logarithmic and trigonometric functions. Review of polynomial functions. This class may also be taken as an extra elective to double up in math credits.

5520 - Algebra III

Credit: 1.0

Pre-requisite: Geometry and Algebra II; School Counselor and Math Department approval

This course includes the study of circular functions and trigonometric functions. Students will explore angle measure in both degrees and radians, solutions of triangles, graphing of trig functions, trig identities, solution of trig equations, and inverse trig functions. It is also designed to cover the concepts of functions and the algebra of functions, techniques for sketching the graphs of various functions and relations, a review of matrices and determinants with the introduction of augmented matrices, and an introduction of derivatives and limits. The use of a scientific calculator is needed for this class.

5550 - Algebra III (honors)

Credit: 0.5

GPA: +1.0 Quality Points

Pre-requisite: Geometry and Algebra II. See Appendix for recommended honors course guidelines.

This course is recommended for students who plan to take AP Calculus. This course includes the study of circular functions and trigonometric functions. Students will explore angle measure in both degrees and radians, solution of triangles, graphing of trigonometry functions, trigonometry identities, solution of trigonometry equations, inverse trigonometry functions, and complex numbers. It is also designed to cover the concepts of functions and the algebra of functions, techniques for sketching the graphs of various functions and relations, a review of matrices and determinants with the introduction of augmented matrices, and an introduction of derivatives and limits. In this course more applications of the topics are covered than in non-honors Algebra III. The use of a scientific calculator is needed for this class.

5600 - Practical Math

Credit: 1.0

Pre-requisite: Geometry and Algebra II; School Counselor and Math Department approval; Current enrollment in 12th grade
Practical math is for 12th grade students who want to better his/her math skills that will be used in everyday life. Skills that will be covered are simple and compound interests, mortgage and auto loans, building a budget, general study of statistics, algebraic applications in everyday life.

5610 - Integrated Math III

Credit: 1.0

Pre-requisite: Geometry and Algebra II; School Counselor and Math Department approval

This course covers those skill and objectives necessary for success in courses higher than Algebra II. Topics of study include sequences and series, functions, and higher order polynomials. Polynomial functions prove the context for higher-order investigation. (Course offering discontinued effective with 2018-2019 school year - Replaced with #5500.)

5640 - Transition to College Algebra (SREB Math Ready)

Credit: 1.0

Pre-requisite: Geometry and Algebra II; ACT math sub-score of 18 or below.

Not recommended if Trigonometry credit already earned.

The Southern Region Education Board (SREB) Math Ready Course, a one-credit course, is designed to assist students who are in need of a fourth year mathematics preparatory course prior to entering college. This course is best suited for students who

have not mastered skills needed to be prepared for College Algebra. The course is built with rigor, innovative instructional strategies, and a concentration on contextual learning that departs from procedural memorization and focuses on engaging the students in a real-world context. In short, this course targets students with weaknesses and college-ready skill gaps and re-educates them in new ways to ensure they are prepared for postsecondary-level mathematics. The course addresses content standards taught throughout high school, including content from Algebra I, Geometry, and Algebra II that are essential for college and careers. In an effort to better prepare high school students for the transition to postsecondary study, Mississippi schools have the option of offering the SREB Math Ready course. Based on Mississippi Institutions of Higher Learning (IHL) Policy 608, students who complete one of these courses with an 80 or above will not be required to take the corresponding remedial courses for College Algebra at any of the 8 public universities. In order to ensure continued acceptance of these courses by IHLs, fidelity of course implementation is essential. Students can contact their local community or junior college to determine whether grades in these courses are being used in lieu of remedial course requirements. Schools may only offer this class to seniors with an ACT sub-score in the 15-18 range for the respective mathematics area. (Course offering discontinued effective with 2017-2018 school year - Replaced with #5610.)

5700 - DC College Algebra

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: ACT math sub-score of 20 or above. See Appendix for dual credit course guidelines.

This one-semester course (Hinds Community College Course #MAT 1313) includes inequalities; functions; linear and quadratic equations, circle and their graphs; applications; polynomial and rational functions; logarithmic and exponential functions; systems of equations. The student will acquire a solid foundation in algebra, preparing him/her for other courses, understand how algebra is used to model and solve authentic real-world problems, and develop problem-solving skills. If a student declines/withdraws from Hinds credit, he/she is eligible only for 0.5 high school units, weights and quality points.

5710 - DC Trigonometry

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: ACT math sub-score of 22 or above. See Appendix for dual credit course guidelines.

This one-semester course (Hinds Community College Course #MAT 1323) includes trigonometric functions and their graphs; functions of composite angles; fundamental relations; trigonometric equations; radian measurement; solutions of right and oblique triangles; invers trigonometric functions; applications. Students may enroll in this course even if previous credit has already been earned for high school trigonometry. If a student declines/withdraws from Hinds credit, he/she is eligible only for 0.5 high school units, weights and quality points.

5910 - AP Calculus

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course is designed as a college level course in the study of calculus following the guidelines established by the Educational Testing Service. Topics include elementary functions such as algebraic, trigonometric, exponential, and logarithmic. Limits and continuity, derivatives, anti-derivatives, techniques of integration, the definite integral, and applications of integrals are the fundamental concepts that make up the course. Students may receive college credit for the first semester of college calculus by passing the Advanced Placement Exam administered through ETS at the conclusion of the course. The use of graphing calculator is required.

Science: Minimum 1-Hour Course Required Every Year

Graduation Requirement: 4.0 Credits, including Biology

6110 - Science, 7th Grade

Credit: 0.0. Required course for all currently enrolled 7th graders.

Pre-requisite: none

6210 - Science, 8th Grade

Credit: 0.0. Required course for all currently enrolled 8th graders

Pre-requisite: none

Science classes in the seventh and eighth grades provide an overview of the three strands of science: Life Science, Physical Science and Earth/Space Science. Life Science is focused on objectives covering metabolism, classification, the hierarchy and organization of life, and the role of DNA and genetics in the evolutionary process. Earth Science is the study of the structure of the Earth. It is divided into five main sections: Geology, the chemical and physical characteristics of rocks; Oceanography, the chemical and physical composition of oceans; Meteorology, the Earth's changing weather climates; Astronomy, solar system; and Environmental Science, characteristics of the Earth's environment and resources. Physical Science is the study of the properties of energy and nonliving matter. It is divided into Chemistry, which studies the chemical properties of matter, atoms, bonds and reactions; and Physics which studies motion, forces, energy, sound, light, electricity, and magnetism. A number of laboratories are performed. Safety in the laboratory, along with proper laboratory techniques, is stressed.

6300 - Biology # ^ ~

Credit: 1.0

Pre-requisite: none

This course provides a review of basic knowledge or fundamentals within living biosphere of Earth. It covers topics such as problem-solving, ecology, microbiology, genetics, basics of life, photosynthesis, single life forms, complex life forms, plant life, micro-life, laboratory skills and bio-ethics. The second semester is spent in a survey of major animal Phyla, beginning with invertebrates and ending with mammals. Students prepare research or investigative papers each quarter. Major laboratories include basic chemistry, diffusion and osmosis, chromosomes, mitosis and meiosis, fundamentals of genetics, and dissection of the earthworm, crayfish, frog, and fish.

6400 - Physical Science ^

Credit: 1.0

Pre-requisite: Biology

The Physical Science course provides opportunities for students to develop and communicate an understanding of physics and chemistry through lab-based activities, mathematical expressions, and concept exploration. Concepts covered in this course include structure of matter, chemical and physical properties and changes, kinematics, dynamics, energy, waves, electromagnetic spectrum, electricity, and magnetism. Laboratory activities, the use of technology, and the effective communication of results through various methods are integral components of this course. (Course is offered every other school year.)

6415 - Environmental Science

Credit: 0.5

Pre-requisite: Biology

This course will integrate various concepts of life, earth, and physical sciences as they relate to the environment. All current environmental topics (including water quality, pollution, resources, land management, recycling, conservation, population dynamics, and economic implications) will be discussed at length with special emphasis on the local environment and ecology.

6425 - Geology

Credit: 0.5

Pre-requisite: Biology

The Geology course provides opportunities for students to develop and communicate an understanding of the chemical and physical content of the Earth and the changes that can occur through field studies and concept exploration. Concepts covered in this course include Earth's internal components (identification and interaction), plate tectonics, the geological timetable, and Mississippi geological areas.

6450 - Chemistry ^

Credit: 1.0

Pre-requisite: Biology, Grade of 77 or better in Algebra I

Chemistry is an introduction to the composition of substances and the changes they undergo. The course builds on knowledge gained; that is, what is learned on day one is still applied at the end of the one-year course. After a basic introduction to chemistry, scientific measurement and units of volume and mass are investigated. A significant amount of time is spent on problem solving in chemistry, including problem-solving techniques, conversion factors, and dimensional analysis. The study of atomic structure and isotopes leads to an introduction to the uses of the Periodic Table, atoms, ions, construction of compounds and naming compounds. The second semester continues with emphasizing the mole and conversions among mass, volume, and particles. A significant amount of time is spent writing, predicting products, balancing and identifying typical chemical reactions, ending with techniques for calculating quantities in chemical reactions. The remainder of the second semester is spent looking in-depth at the states of matter; the behavior of gases; and the more common gas laws; and properties of solutions, water and aqueous systems. If time permits, the class reviews properties of acids and bases, neutralization and oxidation-reduction reactions. A number of laboratories are performed for each chapter highlighting the principle involved. Safety in the laboratory, along with proper laboratory techniques, is stressed.

6550 - Anatomy and Physiology ^

Credit: 1.0

Pre-requisite: Biology and Chemistry

This is a laboratory-based college preparatory course that investigates the structure and function of the human body. Topics covered include the basic organization of the body, biochemical composition and major body systems along with the impact of diseases on certain systems. This is an ideal course for students wishing to prepare for any career in the medical or health care sciences. Mastery of anatomical terms and understanding functions of organ systems are core objectives. Laboratory activities include tissue identification, bone and muscle identification and detailed fetal pig dissection in the final nine weeks.

6600 - Physics (honors) ^

Credit: 1.0

GPA: +1.0 Quality Points

Pre-requisite: Geometry, Algebra II, Trigonometry (or concurrent enrollment in Trigonometry)

It is a quantitative examination of the relationships of matter and energy. This course of study in physics prepares the college-bound student who plans to enter the fields of engineering or sciences. This course introduces the quantitative concepts of motion, forces, and matter to the student, with a rigid investigation into the laws that govern our universe. This course also allows an introduction to computer based statistical and numerical analysis.

6900 - AP Biology ^

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course is designed as a college level course in the study of biology following the guidelines established by the Educational Testing Service. Students may receive college credit for the first semester of college biology by passing the Advanced Placement Exam administered through ETS at the conclusion of the course. Primary emphasis in an AP Biology course is developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns. Topics covered include three general areas: molecules and cells; heredity and evolution; organisms and populations. The College Board website states that "The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry."

6910 - AP Chemistry ^

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course is designed as a college level course in the study of chemistry following the guidelines established by the Educational Testing Service. Students may receive college credit for the first semester of college chemistry by passing the Advanced Placement Exam administered through ETS at the conclusion of the course. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth. The College Board website states that "The AP Chemistry course is designed to be taken after the completion of a first course in high school chemistry. It is strongly recommended that credit in a first-year high school chemistry course be a prerequisite for enrollment in an AP Chemistry class. In addition, the recommended mathematics prerequisite for an AP Chemistry class is the successful completion of a second-year algebra course."

6920 - AP Physics I ^

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course is Algebra-based and is the equivalent to a first semester college course in algebra-based physics. This course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electrical circuits. This course is required to take AP Physics II. (Course offering discontinued effective with 2015-2016 school year.)

6930 - AP Physics II ^

Credit: 1.0

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course is Algebra-based and is the equivalent to a second semester college course in algebra-based physics. This course covers fluid mechanics; thermodynamics; electricity and magnetism, optics, and atomic and nuclear physics. Students may receive college credit by passing the Advanced Placement Exam administered through ETS at the conclusion of the course. Both AP Physics I and AP Physics II are required to take the AP exam. (Course offering discontinued effective with 2016-2017 school year.)

Social Studies: Minimum 1-Hour Course Required Every Year

Graduation Requirement: 4.0 Credits, including specific courses#

Effective with 8th grade class in 2017-2018, MS Studies and Geography will be taught as the social studies for that grade level and the graduation requirement will increase to include one (1.0) additional social studies credit.

7100 - World History, 7th Grade

Credit: 0.0

Pre-requisite: none

Seventh grade World History covers historic people and nations of both western and non-western worlds. Topics include: the rise of civilization; political, social and economic developments of the Middle Ages; the era of discovery and world exploration; the growth of democracy and nationalism; the American Revolution, and the industrial revolution. (Course offering discontinued effective with 2017-2018 school year – Replaced with #7110.)

7110 - U. S. History, 7th Grade

Credit: 0.0

Pre-requisite: none. Required course for all currently enrolled 7th graders.

Eighth grade American History is the study of the development of the United States of America from Colonization to Reconstruction. Topics include Europeans settling in the New World, American colonialism, Revolutionary War, Declaration of Independence, U.S. Constitution, Articles of Confederacy, slavery, abolition, the Civil War, and Reconstruction. (Prior to the 2017-2018 school year offered to 8th graders as Course #7200).

7215 - Mississippi Studies # ~

Credit: 0.5

Pre-requisite: none

This one-semester course is the study of the cultural heritage of Mississippi dating back to the settlement of the various native groups to modern times. This course highlights Mississippi growth from past to present.

7225 - Geography # ~

Credit: 0.5

Pre-requisite: none

This one-semester course will examine the people of the world, their cultures and economies, and their physical environments. The class is designed to provide students with the skills to ask geographical questions, acquire geographical information, arrange geographical information, analyze geographical information, and answer geographical questions.

7310 - World History #

Credit: 1.0

Pre-requisite: none

Ninth grade World History covers historic people and nations of both western and non-western worlds. Topics include: the rise of civilization; political, social and economic developments of the Middle Ages; the era of discovery and world exploration; the growth of democracy and nationalism; the American Revolution, and the industrial revolution. The course also includes development of and influences on Western Civilization from 1750 to Present.

7400 - World History #

Credit: 1.0

Pre-requisite: Current enrollment in 10th grade or higher

This course will focus on the development of and influences on Western Civilization from 1750 to Present. While Western Civilizations are the focus, connections to other civilizations are made. (Course offering will be discontinued effective with 2019-2020 school year – Replaced with #7310.)

7500 - American History #

Credit: 1.0

Pre-requisite: none

American History is the study of the development of the United States of America starting with Progressive Politics in 1900 to the present.

7509 - AP United States History

Credit: 1.00

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course, offered through The College Board's Advanced Placement program, is by definition rigorous and academically challenging in that students who successfully complete the course and pass the Advanced Placement exam will earn credit at institutions that participate in the program. The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. An AP U.S. History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. AP U.S. History may be taken in lieu of the required American History course #7500. (Course offering varies from year to year depending on student interest and staffing).

7520 - DC American (U.S.) History I

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: ACT English and Reading sub-scores of 17 or above. See Appendix for dual credit course guidelines.

This one-semester course is Hinds Community College Course #HIS 2213. It is a survey of American (U.S.) history from pre-history through reconstruction. If taken in lieu of the required American History course #7500, both DC U.S. History I & II are required. If a student declines/withdraws from Hinds credit, he/she is enrolled in an honors level Course #7510 for high school units, weights and quality points.

7525 - DC American (U.S.) History II

Credit: 1.0 unit on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: DC U.S. History I

This one-semester course is Hinds Community College Course #HIS 2223. It is a survey of the history of the United States since the Civil War and Reconstruction, or since 1877 to the present. If taken in lieu of the required American History course #7500, both DC U.S. History I & II are required.

7535 - Problems of American Democracy

Credit: 0.5 (Social Studies)

Pre-requisite: English II or Honors English II

Problems in American Democracy is a one-semester course designed to give students a greater awareness of the problems facing the United States today. This course will focus on problems related to geography, politics, and society. Emphasis will be placed on the analysis of issues, situations, and problems with the goal of fostering understanding and desired resolution.

7545 - Law Related Education

Credit: 0.5 (Social Studies)

Pre-requisite: English II or Honors English II

Law Related Education, an elective, is a one-semester course for high school students. The general objective of this course is to introduce students to the applicable law and legal system in the United States. This will include a general understanding of criminal law and procedure, tort law, contract law, and family law.

7600 - American Government #

Credit: 0.5

Pre-requisite: none

This is a survey on the basic principles, institutions, and procedures that shape our democratic system of government.

7609 – AP U.S. Government and Politics

Credit: 0.5

GPA: +2.0 Quality Points

Pre-requisite: See Appendix for AP course guidelines.

This course, offered through The College Board's Advanced Placement program, is by definition rigorous and academically challenging in that students who successfully complete the course and pass the Advanced Placement exam will earn credit at institutions that participate in the program. The course explores the constitutional foundations, institutions, beliefs, political associations and behavior, and traditions which shape public policies and the practice of governing in the United States. This

course will be taught on a college level. Considerable independent reading, research, and analysis will be required. AP U.S. Government and Politics may be taken in lieu of the required American Government course #7600.

7610 - Economics #

Credit: 0.5

Pre-requisite: none

This course will identify and apply basic economic concepts; explain how people organize for the production, distribution, and consumption of goods and services; and discuss relationships among the various economic systems. Students will understand global connections, conflicts, and geographic interdependence; compare and contrast how values and beliefs influence economic decisions in different societies; and demonstrate the ability to apply and interpret social studies tools.

**Electives, Foreign Language and Other Required Courses:
Minimum 1+ Hour(s) Course(s) as needed to fill schedule**

*Graduation Requirements: 2.0 Credits of Same Foreign Language; 1.0 in Fine Arts; 0.5 in Health; 0.5 in P.E.;
0.5 in TestPrep; 1.0 in Business/Technology proficiency per MSDED graduation requirements.*

8205 - Health #

Credit: 0.5 (Health/PE)

Pre-requisite: none

Health is a one-semester high school course which includes classroom and hands-on experiences that help students acquire the knowledge, attitudes, and skills necessary for making health-promoting decisions, achieving health literacy, adopting health-enhancing behaviors, and promoting the health of others. In this course of study, emphasis is placed on personal, social, and mental health in today's society. It includes instruction on human growth and development, disease prevention and control, substance abuse and prevention, community and environmental health, nutrition and wellness, and safety and first aid. Students will be provided with instruction that is clearly relevant to today's rapidly changing world. Classes and projects will be designed to spark student interest and enthusiastic participation as well as provide a rationale for content relevancy, thus enabling students to connect what they learn in school to other aspects of their lives, including their futures.

8215 - Physical Education #

Credit: 0.5 (Health/PE)

Pre-requisite: none

The objectives of physical education are to strengthen physical abilities through different sport activities, to demonstrate responsible personal and social behavior in physical activity, to demonstrate an understanding for different skill levels and to demonstrate the understanding of the rules for the different sport activities. Participation in extracurricular activities sanctioned by the MAIS can be substituted for physical education. Students may earn 0.5 PE credit for extracurricular activities once during his/her high school career.

8000 - German I ~ or 8050 - Spanish I ~

Credit 1.0 (Foreign Language)

Pre-requisite: none

In the first year of foreign language, students will learn to read and write in the target language while concentrating on conversational skills. Culture will be introduced to help the student better understand and respect the target countries. A wide variety of activities will be used daily to help the student grasp the material easily.

8010 - German II

Credit 1.0 (Foreign Language)

Pre-requisite: German I

The second year of German is designed to continue to teach the skills of reading, writing, and conversation. More in depth grammatical skills will be taught. Particular emphasis is placed on oral-aural competence.

8060 - Spanish II

Credit: 1.0 (Foreign Language)

Pre-requisite: Spanish I

The second year of Spanish is designed to continue to teach the skills of reading, writing, and conversation. More in depth grammatical skills will be taught. Particular emphasis is placed on oral-aural competence.

8070 - Spanish III

Pre-requisite: Spanish II

Credit: 1.0 (Foreign Language)

Spanish III is offered as an elective for Juniors & Seniors. The third year of Spanish is designed to continue to teach the skills of reading and writing. The students will be required to master these skills while focusing on more in depth grammatical skills. Particular emphasis is placed on oral-aural skills, culture and conversational skills.

8100 - Band *+

Credit: 1.0 (Fine Arts)

Pre-requisite: Band Director approval

This class includes playing instruments, improvisation, reading, and writing music; responding to Aural Musical stimulus; investigating and characterizing music; classifying and assessing music and musical performances in relation to the other arts and disciplines, including the historical, stylistic, and social aspects of music. Participation in extracurricular activities sanctioned by the MAIS can be substituted for physical education. Students may earn 0.5 PE credit for extracurricular activities once during his/her high school career. Course #8105 is one semester class for 0.5 credit.

8110 - Choral Music *+

Credit: 1.0 (Fine Arts)

Pre-requisite: Band Director approval

This class includes singing, improvisation, reading, and writing music; responding to Aural Musical stimulus; investigating and characterizing music; classifying and assessing music and musical performances in relation to the other arts and disciplines, including the historical, stylistic, and social aspects of music. Course #8115 is one semester class for 0.5 credit.

8120 - General Music +

Pre-requisite: none

Credit: 1.0 (Fine Arts)

This course provides opportunities for performing, listening, creating, and valuing music. General music instructional setting includes: basic musician (making music), history and literature (appreciation/listening), theory/composition (writing/analysis) and fine arts or humanities (music in combination with other subjects). Course #8125 is one semester class for 0.5 credit.

8130 - Show Choir +

Credit: 1.0 (Fine Arts)

Pre-requisite: Students will be accepted by audition only.

Show Choir is a course study for students having already completed and or shown to excel in the techniques taught in Choral Music and Performing Arts. Students will be trained to sing, dance, and perform to selected music and participate in various local performances as well as regional competitions. Students will be given the opportunity to expand their musical knowledge and performance experiences through a sequential developmental music and dance curriculum. Course #8135 is one semester class for 0.5 credit.

8150 - Performing Arts I +

Credit: 1.0 (Fine Arts)

Pre-requisite: none

The Introduction to Performing Arts course at St. Aloysius covers many aspects of theatre: acting, dancing, singing, creative writing and public speaking. Students will study acting theory and improve their acting skills, using improvisation as well as memorized, prepared scenes. They will also study theatre history, technical theatre, and some musical theatre, film, and television. Students will participate in a one-act play project in the Fall and the school musical in the Spring. This course will require some minor scene work as well as memorization, rehearsal, and performance. Course #8155 is one semester class for 0.5 credit.

8160 - Performing Arts II +

Credit: 1.0 (Fine Arts)

Pre-requisite: Performing Arts I

This is an advanced Performing Arts course which covers all aspects of theatre: acting, dancing, singing, creative writing, and public speaking. Students will continue their study of acting theory and improve their acting skills, using improvisation as well as memorized, prepared scenes. They will also study theatre history, technical theatre, and some musical theatre, film, and television. Students will participate in a one-act play project in the Fall and the school musical in the Spring. This course will require major scene work as well as memorization, rehearsals, and performances. Course #8165 is one semester class for 0.5 credit.

8300 - Art I +

Credit: 1.0 (Fine Arts)

Pre-requisite: none

An introductory course designed to provide an opportunity for creative development through learning in visual arts. Major periods of art and masters will be studied gaining critical understanding of these styles and qualities. Principles and elements of art will be emphasized through course work. Course #8305 is one semester class for 0.5 credit.

8310 - Art II +

Credit: 1.0 (Fine Arts)

Pre-requisite: Art I

This course emphasizes a deeper study of creative development through visual arts. Art concepts will be explored applying the principles and elements of design through course work and art criticism. Course #8315 is one semester class for 0.5 credit.

8335 - Ceramics I +

Pre-requisite: Art I

Credit: 0.5 (Fine Arts)

This course focuses on knowledge and skills in three- dimensional design with clay and/or other plastic media. Work will be limited primarily to three dimensional media, techniques, and processes. Class size is limited.

8345 - Ceramics II +

Pre-requisite: Ceramics I

Credit: 0.5 (Fine Arts)

This course builds on introductory level concepts and skills acquired in the prerequisite course, Ceramics I. Work will be limited primarily to three dimensional media, techniques, and processes. Class size is limited.

8355 - Drawing I +

Pre-requisite: Art I

Credit: 0.5 (Fine Arts)

This one-semester course involves a broad range of drawing media, techniques, and processes. In this course, students will continue to develop prior knowledge and skills in the creation and study of works of art and design, building on concepts and skills acquired in the prerequisite course Art I. Work will encompass two-dimensional art forms rendered in wet and dry drawing media with an emphasis on working in black and white and an introduction to color techniques. Class size is limited.

8365 - Drawing II +

Pre-requisite: Drawing I

Credit: 0.5 (Fine Arts)

This one-semester course involves a broad range of drawing media, techniques, and processes. Students will continue to develop prior knowledge and skills in the creation and study of works of art and design, building on concepts and skills acquired in the prerequisite courses, Art I and Drawing I. Class size is limited.

8370 - DC Music Appreciation +

Credit: 1.0 unit (Fine Arts) on high school transcript and three college hours on college transcript

GPA: +1.0 Quality Point (high school credit)

Pre-requisites: ACT English sub-score of 17 or above. See Appendix for dual credit course guidelines.

This course is designed to acquaint students with the elements of music and the primary musical periods. Students will have a brief overview of the major composers and their music through class lectures, listening to musical examples in class, reading the text, actively engaging in class discussions, attending live concerts of suggested performances, and completing assessments pertinent to the course material.

8470 - Exploring Computer Science «

Credit: 1.0 (Business/Technology)

Pre-requisite: ICT I or Technology Foundations or Keyboarding and Computer Applications

Exploring Computer Science is designed to teach the fundamental concepts, including the basics of programming/coding, and big ideas of computing. Languages may include Python, Java, SQL, and JavaScript plus CSS and HTML.

8480 - Web Design and Media Rich Content «

Credit: 1.0 (Business/Technology)

Pre-requisite: Technology Foundations or Keyboarding and Computer Applications

Web Design and Media Rich Content is a one year designed to introduce the student to web design. The student will learn how to build a basic client web site.

8490 - Technology Foundations ~ «

Credit: 1.0 (Business/Technology)

Pre-requisite: current enrollment in the 8th grade or higher

Technology Foundations provides the student with essential introductory skills and knowledge necessary to use computer hardware and software in daily life and occupational tasks. The student will learn how to use technology to improve and enhance other curriculum areas. Emphasis will be placed on common applications; including keyboarding, word processing, desktop publishing, multimedia presentations, spreadsheet applications, and social media. Career exploration will be incorporated throughout the course. (Course offering discontinued after the 2017-2018 school year – Replaced with #8740.)

8495 - Personal Finance «

Credit: 0.5 (Business/Technology)

Pre-requisite: none

Students will increase their understanding of personal finance concepts and develop critical thinking skills with respect to financial planning concepts. Effective with the 2017-2018 school year, Personal Finance is offered as an elective (no longer a specifically required course for graduation at St. Aloysius).

8505 - Psychology

Credit: 0.5

Pre-requisite: none

Psychology is taught along with selected chapters that are pertinent to today's student. Classes are structured toward lecture, group work, and discussion. This course introduces the student to basic psychology at the college level. Some of the areas covered are psychological methods, human development, heredity and environment, personality, principles of learning, process of thinking, perceptions, emotions, motive, frustration, conflict, coping with stress, behavior in small groups, and social influence.

8515 - Sociology

Credit: 0.5

Pre-requisite: none

Basic sociology is taught along with selected chapters that are pertinent to today's student. Case studies in the book are used for group discussion. The class is structured toward lecture, discussion, and group work. When possible, speakers are brought in from the field of social work. This course introduces the student to sociology at the college level. Some of the areas covered are the sociological point of view, cultural diversity, cultural conformity and adaptation, social structure, deviance, and social control.

8600 - Yearbook and Journalism *

Credit: 1.0

Pre-requisite: English I, Sponsor and School Counselor Recommendation

Course will include ad sales, news writing, layout, creative writing, photography and deadline awareness. This course is designed to give students hands-on experience in producing a quarterly newspaper and newsletters as well as conceptualizing and producing a yearbook. Class size is limited.

8655 - Public Speaking

Credit: 0.5

Pre-requisite: none

This semester course is designed to help students gain the skills and confidence to become effective speakers. This course includes instruction in how to acquire, analyze, and evaluate information in order to make decisions and establish satisfying relationships. Skill in oral communication helps the student to think logically, clearly, and creatively.

8695 - Test Prep

Credit: 0.5

Pre-requisite: 1.0 credit in Algebra II or concurrent enrollment in H.Algebra II

Students will increase their understanding of test prep strategies and skills and practice for standardized tests, including the PSAT as well as the ACT and SAT college entrance exams. Effective beginning with the freshman class of 2011-2012, Test Prep is a specifically required course for graduation at St. Aloysius.

8730 - Physical Education 7/8

Credit: 0.0. JH Band (8770) or PE (8730) is required for all 7th & 8th graders

Pre-requisite: none

Seventh and eighth grade students will have physical education each year and shall exhibit competency of one or more physical activity benchmarks as outlined in the Mississippi Physical Education Framework. The objectives of physical education are to strengthen physical abilities through different activities, to demonstrate responsible personal and social behavior in physical activity, to demonstrate an understanding for different skill levels and to demonstrate the understanding of the rules for the different sport activities. Students are required to dress-out in the school's PE uniform for activities as directed by the teacher. Health instruction will be integrated into other subject areas.

8740 - ICT I

Credit: 0.0; meets high school graduation requirement for keyboarding proficiency.

Pre-requisite: current enrollment in the 7th grade

This course (Information and Communication Technology I) introduces seventh grade students to technology use including computing fundamentals, ethics, Internet tools, keyboarding, word processing and multi-media presentations. Career exploration will be incorporated throughout the course.

APPENDIX

Additional Advanced Course Information and Guidelines

Advanced Placement (AP) Courses:

- Recommended guidelines include department and school counselor recommendation in addition to the following:
 - English Literature and Composition: ACT score composite of 23 or better, ACT Reading or ACT English of 25 or better and final grade average of B or better in Honors English III
 - Calculus AB: final grade average of B or better in Honors Algebra I, Honors Algebra II, Honors Algebra III, and Geometry/Honors Geometry
 - Biology: Biology and Chemistry
 - Chemistry: Geometry, Algebra II and Chemistry
 - U.S. Government & Politics: minimum 85 average in 10th grade and 11th grade English and Social Studies courses.
 - U.S. History: minimum 85 average in 9th grade and 10th grade English and Social Studies courses.
- Students may earn college credit with satisfactory completion of the course and scoring successfully on the related AP exam at the end of the term. College acceptance varies from one institution to another based on its own policies.
- The AP program scores exams on a scale of 1 to 5. A score of 5 means “extremely well qualified” and is equivalent to grades of A+ and A in the corresponding college course. A score of 4 means “well qualified” and is equivalent to grade of A-, B+ and B in college. A score of 3 means “qualified” and is equivalent to grades of B-, C+ and C in college. A score of 2 means “possibly qualified.” A score of 1 means “no recommendation.”
- The College Board has a fee for each exam. Parents are responsible for paying this fee separately to the school when tests are ordered in the spring.
- Vicksburg Catholic School offers the AP exam as either optional or mandatory depending on the respective department’s decision. AP exams are required for students enrolled in the AP English class.
- To learn more, visit www.collegeboard.org/apstudents.

Dual Credit (DC) Courses:

- Eligibility requirements include: must have taken the ACT; completion of 10 Carnegie units in core academic courses; unconditional written recommendation from high school principal or counselor; signed student/parent agreement. Minimum ACT sub-scores are required for different courses.
- The April ACT date is the final opportunity to earn the minimum required score before registration/scheduling can begin. Administrative approval is required before Accuplacer scores will be accepted for placement.
- All registration for Dual Enrollment students takes place through Vicksburg Catholic School. Parents/students do not go to any Hinds Community College campus to register.
- After successful completion of a semester course, student will receive three (3) college hours on his/her college transcript and earn one (1.0) Carnegie unit on his/her high school transcript.
- College credit awarded by Hinds Community College is transferrable to most other institutions of higher learning. Students are responsible for checking with their intended destination regarding acceptability of transfer credits for their programs of interest.
- Hinds Community College will charge a program participation fee per semester. Students are responsible for logging in to their my.hinds account for billing and payment information. Parents/students are also responsible for all textbooks, access codes or other required course material. The following issues arise when a student has an unpaid balance with the college: 1) Student is unable to withdraw from course(s) during the semester. 2) Student cannot be registered for the upcoming semester of dual credit courses whether online or at their high school. 3) Student will not be allowed to register for courses at any Hinds location as a traditional Hinds student OR apply for housing at any Hinds location. 4) Student will not be issued an official Hinds transcript OR have their transcript sent to any other institution.
- Dual Credit students are considered students of the College and are responsible for knowing policies including, but not limited to, admission requirements, course pre-requisites, attendance policy, course syllabus, course withdrawal procedures, and course grading standards.

- Hinds Community College has control/supervision of issues such as student eligibility, evaluations, course content, student learning outcomes and cases of plagiarism, cheating or dishonesty. Vicksburg Catholic School is responsible for issues of discipline and misconduct.
- The withdrawal policies of Hinds Community College and Vicksburg Catholic School differ. Please be advised that should a student decide to withdraw from a course in accordance with Hinds policy, he/she will remain in the class for high school credit as an honors course. The “W” grade for withdrawal will be reflected on the student’s permanent college transcript.
- Grades received for Hinds Community College will go on the students’ permanent college transcript. Hinds Community College records a letter grade for college credit based on their grading scale.
- High school GPA & Carnegie units for graduation are based upon Vicksburg Catholic School's grading scale. Numeric semester average will be recorded on the student's high school transcript and report cards. All semester courses are 0.5 weight in GPA calculations.
- In addition to the courses taught during the regular school day, students have the option to register in dual credit online courses for extra electives. See the counselor or registrar for more information.

Honors (H) Courses:

- Recommended guidelines for English classes: final grade of 85 or better in honors English course or final grade of 95 or better in non-honors English course in the preceding school year, school counselor recommendation and department approval.
- Recommended guidelines for math classes: final grade of 85 or better in two previous honors math courses or final grade of 95 or better in two previous non-honors math courses, school counselor recommendation and department approval.
- Recommended guidelines for science classes: final grade of 85 or better in subject area in the preceding school year, school counselor recommendation and department approval.
- Recommended guidelines for social studies classes: final grade of 85 or better in English, history, and theology in the preceding school year; school counselor recommendation
- Please be advised that students who request honors math or honors English are very likely to be placed into the honors section of the other subject as well due to scheduling constraints.